

ARRA PSGP Investment Justification Template

Investment Heading	
Port Area	AMSC Ohio Valley - Cincinnati
State	Ohio
Applicant Organization	Cincinnati Fire Department
Investment Name	Floating Dock/Platform (1)
Investment Amount	\$150,000

I. Background

Note: This section only needs to be completed once per application, regardless of the number of Investments proposed. The information in this section provides background and context for the Investment(s) requested, but does not represent the evaluation criteria used by DHS for rating individual Investment proposals.

I. Provide an overview of the port system in which this Investment will take place	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<ul style="list-style-type: none"> • Area of Operations: <ul style="list-style-type: none"> ○ Identify COTP Zone ○ Identify eligible port area ○ Identify who the infrastructure (project site) is owned or operated by, if not by your own organization • Point(s) of contact for organization (include contact information): <ul style="list-style-type: none"> ○ Identify the organization's Authorizing Official for entering into grant agreement, including contact information ○ Identify the organization's primary point of contact for management of the project(s) • Ownership or Operation: <ul style="list-style-type: none"> ○ Identify whether the applicant is: (1) a private entity; (2) a state or local agency; or (3) a consortium composed of local stakeholder groups (i.e., river groups, ports, or terminal associations) representing federally regulated ports, terminals, US inspected passenger vessels or ferries. • Role in providing layered protection of regulated entities (applicable to State or local agencies, consortia and associations only): <ul style="list-style-type: none"> ○ Describe your organization's specific roles, responsibilities and activities in delivering layered protection • Important features: <ul style="list-style-type: none"> ○ Describe any operational issues you deem important to the consideration of your application (e.g., interrelationship of your operations with other eligible high-risk ports, etc.) ○ Ferry System overview (if applicable): <ul style="list-style-type: none"> - Infrastructure - Ridership data - Number of passenger miles - Number of vehicles per vessel, if any - Types of service and other important features - System map - Geographical borders of the system and the cities and counties served
Response	<ul style="list-style-type: none"> • <u>Area of Operations</u>: AMSC Ohio Valley: Cincinnati • <u>Authorizing Official for entering into grant agreement</u>: Robert Wright, Fire Chief for the Cincinnati Fire Department

- Organization's primary point of contact for management of the projects:

Jennifer Spieser, Grants Administrator for the Cincinnati Fire Department

- Local Agency: Cincinnati Fire Department
- Role in Protection and Operational Issues:

The Cincinnati Fire Department (CFD) performs multifaceted functions which extend beyond fire suppression and emergency medical services. The CFD also provides the following complimentary functions: Homeland Security, hazardous materials detection and response, fire prevention, arson investigation and environmental crimes investigation.

Homeland Security operations include the monitoring and detection of chemical, biological, radiological, nuclear and explosives. This section of the CFD is designed to collaborate with the multi-disciplined regional partners including law enforcement, public health, hospitals, and emergency management, and elected officials in the coordinated planning mission for all hazards and terrorist incidents.

The Hazardous Device Unit is responsible for the removal of explosive devices which include Improvised Explosive Devices (IED), incendiary devices and other types of explosives. This unit provides service for the region including the city, FBI and Secret Service. In 2008, The Hazardous Device Unit responded to 110 bomb events and 294 bio-chemical instances.

The CFD is also the Tri-State's lead agency for the maintenance of and deployment of assets obtained through the Urban Area Security Initiative (UASI) funding. For these purposes, the Tri-State area is comprised of 12 counties located in Southwestern Ohio, Southeastern Indiana and Northern Kentucky (SOSINK).

The Cincinnati Fire Department (CFD) is the primary responder for emergency incidents along the Ohio River, Mill Creek, Little Miami River, and the Duck Creek within the borders of the City of Cincinnati. These services include, but are not limited to the following: Homeland Security missions during heightened terrorism threat levels as assigned by the U.S. Department of Homeland Security, response to boating accidents, assistance to boaters in distress, and assistance to the Hamilton County Underwater Search and Recovery Team. In 2008, the CFD responded to 31 incidents on the Ohio River.

The Ohio River is a national and major transportation waterway and separates the states of Ohio and Kentucky. Many critical

	<p>infrastructures are located on the banks of the Ohio River and surrounding area. The critical infrastructures include the following: bridges that span between Ohio and Kentucky including two (2) federal interstate highways, two (2) federal buildings, water intakes for the Cincinnati Water Works, the Metropolitan Sewer District, various chemical and power plants, two (2) sports stadiums, one (1) event arena and one (1) national museum. In addition, the City of Cincinnati is in the process of expanding infrastructure along the Ohio River through the Banks Project. The Department of Homeland Security (DHS) identified four (4) critical infrastructures within the city limits and an additional critical infrastructure within Hamilton County. The exact infrastructures considered in the “buffer zone” are classified. Numerous barges and other water vehicles transport critical industrial materials such as compressed gases and coal that are used in power and production plants.</p>
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II. Strategic and Program Priorities

II.A. Provide a brief abstract of the Investment	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	Provide a succinct statement summarizing this Investment <ul style="list-style-type: none"> Identify exact location of project site (i.e. physical address of facility being enhanced)
Response	<p>The Cincinnati Fire Department (CFD) respectfully requests funding for the purchase of one (1) floating dock/platform for use with existing 1999 Boston Whaler and, if successful, two (2) multi-mission work boats submitted in the other Investment Justification document. This floating dock/platform will expedite response to firefighting functions and activities related to Homeland Security missions on the Ohio River, Mill Creek, Little Miami River, and/or the Duck Creek in the event that these waterways are compromised due to Weapons of Mass Destruction (WMD).</p>

II.B. Describe how the Investment will address one or more of the ARRA PSGP priorities and Area Maritime Security Plan, COTP Priorities, and/or the PWRMP	
Response Type	Narrative
Page Limit	Not to exceed 1 page

Response Instructions	<ul style="list-style-type: none"> Describe how, and the extent to which, the investment addresses: <ul style="list-style-type: none"> Enhancement of Maritime Domain Awareness Enhancement of IED and WMD prevention, protection, response and recovery capabilities Efforts supporting the implementation of TWIC Construction or infrastructure improvement projects that are identified in the PWRMP and/or Facility Security Plans Once notice to proceed is provided by FEMA, identify how many days it will take for the project to be started and how many days it will take for it to be completed. Identify the number of jobs that will be created by this project and how this number was determined. Area Maritime Security Plan, Captain of the Port Priorities and/or PWRMP
Response	<p>Improvised Explosive Device (IED) and Weapons of Mass Destruction (WMD) response and recovery capabilities will be expedited by the ability to dock and launch from the Ohio River. Current Homeland Security operations include the monitoring and detection of chemical, biological, radiological, nuclear weapons and explosives. This section of the CFD is designed to collaborate with the multi-disciplined regional partners including law enforcement, public health, hospitals, and emergency management, and elected officials in the coordinated planning mission for all hazards and terrorist incidents.</p> <p>We anticipate a completion date of 150 days from notice of grant award. This timeframe is based upon procurement through the U.S. General Services Administration's (GSA) Cooperative Purchasing program.</p> <p>Since this is a purchase, we are not in a position to estimate the number of jobs created or retained as a result of this purchase.</p>

III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed ½ page
Response Instructions	<ul style="list-style-type: none"> Discuss how the project will reduce risk in a cost effective manner <ul style="list-style-type: none"> Discuss how this investment will reduce risk (e.g., reduce vulnerabilities or mitigate the consequences of an event) by addressing the needs and priorities identified in earlier analysis and review. For facility specific investments, the anticipated risk reduction in MSRAM should be included
Response	This investment will enable the Homeland Security section of the Cincinnati Fire Department (CFD) and other regional agencies to

	<p>combine their expertise and provide response and recovery operations on the waterways. This investment will mitigate the consequences of an event by providing the ability to rapidly respond to and recover from incidents on the Ohio River and related waterways. This rapid response will reduce the risk of damage which will expedite the recovery period. In addition, this investment will enable the Cincinnati Fire Department (CFD) and related agencies to detect the presence of chemical, biological, radiological, nuclear and explosive (CBRNE) weapons on the Ohio River when alerted to a possible threat.</p> <p>The financial investment in the critical infrastructure that is at risk is immense. In addition, it is impossible to place a price on human casualties. The Homeland Security section of the Cincinnati Fire Department (CFD) and other regional agencies will be able to combine their expertise and provide response and recovery operations on the waterways.</p> <p>This investment request will fund the preceding without exceeding a reasonable cost. The requested boats will be equipped with the equipment necessary to meet the needs of an emergency response.</p>
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III.B. Describe current capabilities similar to this Investment	
Response Type	Narrative
Page Limit	Not to exceed ½ page
Response Instructions	<ul style="list-style-type: none"> Describe how many agencies within the port have existing equipment that are the same or have similar capacity as the proposed project Include the number of existing capabilities within the port that are identical or equivalent to the proposed project
Response	<p>A few jurisdictions in the Tri-State (SW Ohio, N Kentucky and SE Indiana) area maintain equipment used for the detection of and response to an incident involving non-conventional weapons. Of these jurisdictions, the Cincinnati Fire Department (CFD) has the closest proximity to the Ohio River and Northern Kentucky area. In addition, CFD operations include staffing of personnel trained to respond to these events on a 24/7 schedule. Therefore, the CFD is in the best position to provide swift and immediate response at a moments notice.</p> <p>The City of Cincinnati is situated in Hamilton County. Hamilton County and the Cincinnati Police Department (CPD) received federal funding for the purchase of boats to patrol the Ohio River. This funding was based upon the number of and location of critical infrastructure in the “buffer zone”. The Department of Homeland Security identified four (4) critical infrastructures within the city limits and an additional critical infrastructure within Hamilton County. If response is needed, Hamilton County and CPD employees will need to staff these boats for their operations and they may not be available for</p>

	<p>CFD response.</p> <p>The CFD currently maintains a 1999 Boston Whaler for operations on the Ohio River. This boat is not adequate for a deployment in response to a CBRNE event. Coast Guard regulations stipulate a maximum number of occupants and weight of transport which includes personnel, fuel and equipment. These restrictions make it impossible to launch a full scale response with only one boat available to the CFD. In addition, multiple boats will be needed for simultaneous response to events occurring on more than one waterway.</p>
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IV. Funding and Implementation Plan

- Complete the IV.A. to identify the amount of funding you are requesting for this investment only
- Funds should be requested by allowable cost categories as identified below
- Applicants must make funding requests that are reasonable and justified by direct linkages to activities outlined in this particular Investment

Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format.

The following template illustrates how the applicants should indicate the amount of FY 2009 ARRA PSGP funding required for the investment, and how these funds will be allocated across the cost elements.

IV.A. Investment Funding Plan	FY 2009 ARRA PSGP Request Total	Grand Total
<i>Maritime Domain Awareness</i>		
<i>IED and WMD Prevention, Protection, Response and Recovery Capabilities</i>	\$700,000	\$700,000
<i>TWIC Implementation</i>		
<i>Construction/Infrastructure Improvement</i>		
<i>M&A</i>		
Total	\$700,000	\$700,000

IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this Investment such as stakeholder engagement, major acquisitions or purchases and process/policy updates. Up to 10 milestones may be provided.	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<ul style="list-style-type: none"> • Only include major milestones that are critical to the success of the Investment • Milestones are for this discrete Investment – those that are covered by the requested FY 2009 ARRA PSGP funds and will be completed over the 36-month grant period starting from the award date, giving consideration for review and approval process up to 12 months (estimate 24 month project period) • Milestones should be kept to high-level, major tasks that will need to occur (i.e. Design and development, begin procurement process, site preparations, installation, project completion, etc.) • List any relevant information that will be critical to the successful

	completion of the milestone. This includes the number of jobs created and how the applicant arrived at that estimate, and those examples listed in the question text above
Response	<ul style="list-style-type: none"> • January 2010 – Notice of grant award • February 2010 – Select Vendor from U.S. General Services Administration (GSA); order multi-mission work boats • May 2010 – Delivery of multi-mission work boats; payment to vendor <p>Since this is a purchase, we are not in a position to estimate the number of jobs created or retained as a result of this purchase.</p>